Step 1: Done

Step 2: Questions

1. What command is used to find the IP Address?

ipconfig

2. What command and option are used to flush DNS?

ipconfig /flushdns

3. What command or commands are useful for troubleshooting network connection issues?

(Include some options that can be used with the commands.)

Ping 8.8.8.8, Tracert 8.8.8.8, ipconfig /release, ipconfig /renew

4. What command is used for file transfer protocol?

FTP [*options*] [-s:*filename*] [*host*]

5. What command is used to copy files and folders?

copy [source] [destination]

6. What command is used to create new folders?

MKDIR [file name]

7. What command is used to move files from one folder to another?

move [options] <Source> <Target>

8. What does the dir command do?

Lists files in current directory.

9. What does the hostname command do?

Tells you the current Hostname.

10. What does the command chkdsk c: do?

Tells you current file system and Runs Check Disk utility.

11. What does the nslookup command do? (Hint: you will need to stop this command.)

Displays information that you can use to diagnose Domain Name System (DNS) infrastructure.

12. What is a batch file and how can this help?

With batch files, which are also called batch programs or scripts, you can simplify routine or repetitive tasks. A batch file is an unformatted text file that contains one or more commands and has a .bat or .cmd file name extension. When you type the file name at the command prompt, Cmd.exe runs the commands sequentially as they appear in the file.

13. What does the systeminfo command do?

Displays detailed configuration information about a computer and its operating system, including operating system configuration, security information, product ID, and hardware properties, such as RAM, disk space, and network cards.

14. What does the tasklist command do?

Displays a list of applications and services with their Process ID (PID) for all tasks running on either a local or a remote computer.

15. What does the whoami command do?

Displays what users you are currently logged in as.

16. What command is used to add or list users?

Net user and net user [username] [password] /add

17. What command is used to display the media access control (MAC) address?

Getmac

18. What command is used to display a disk label?

vol

19. What command and option are used to shut down Windows in less than one minute?

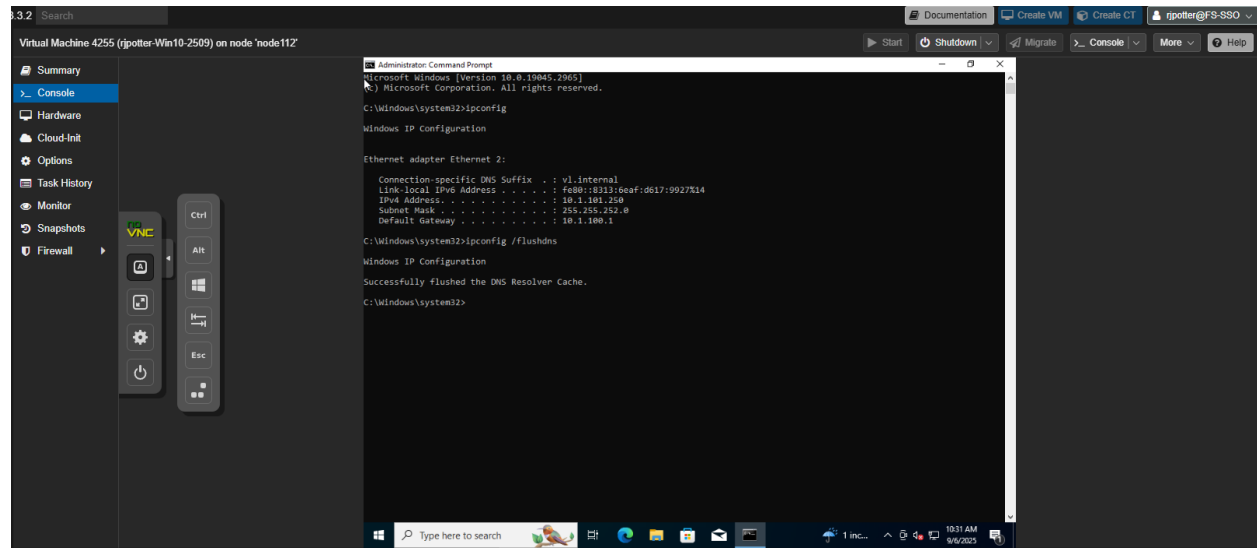**Shutdown -s -t 60**

20. What command is used to navigate directories?

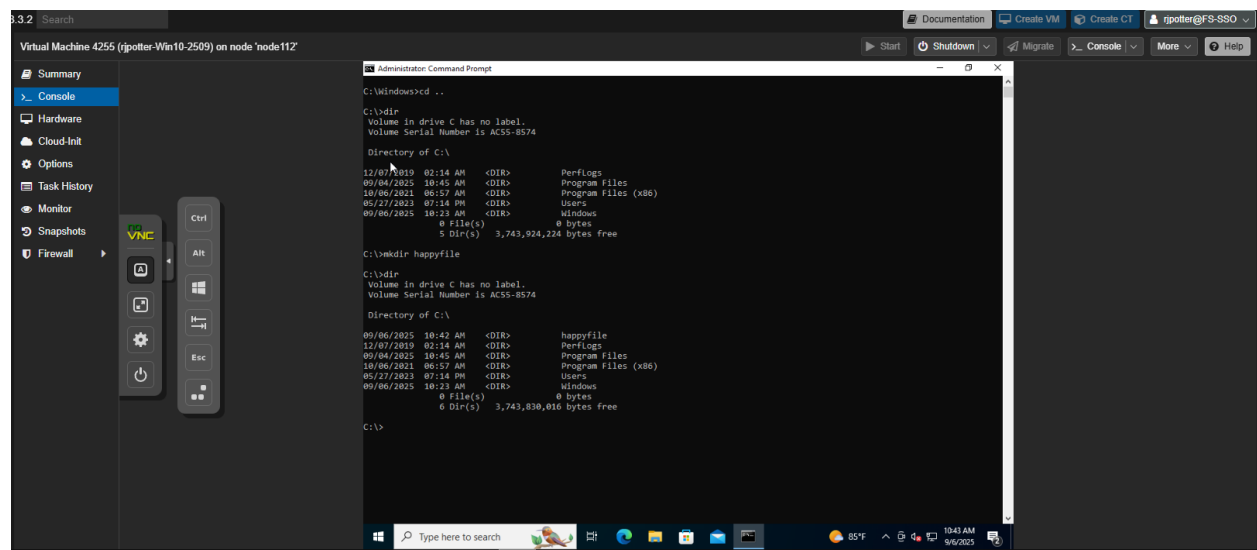**Cd [destination]**

Step 3: Commands

Execute the following commands from the list above in your Windows VM and include a screenshot of the result.

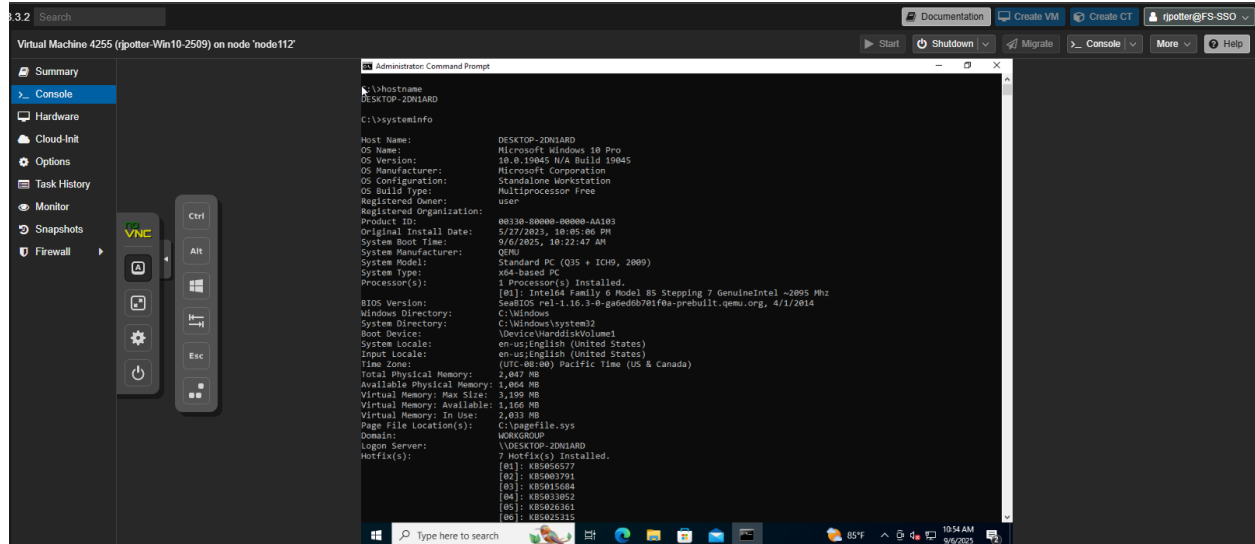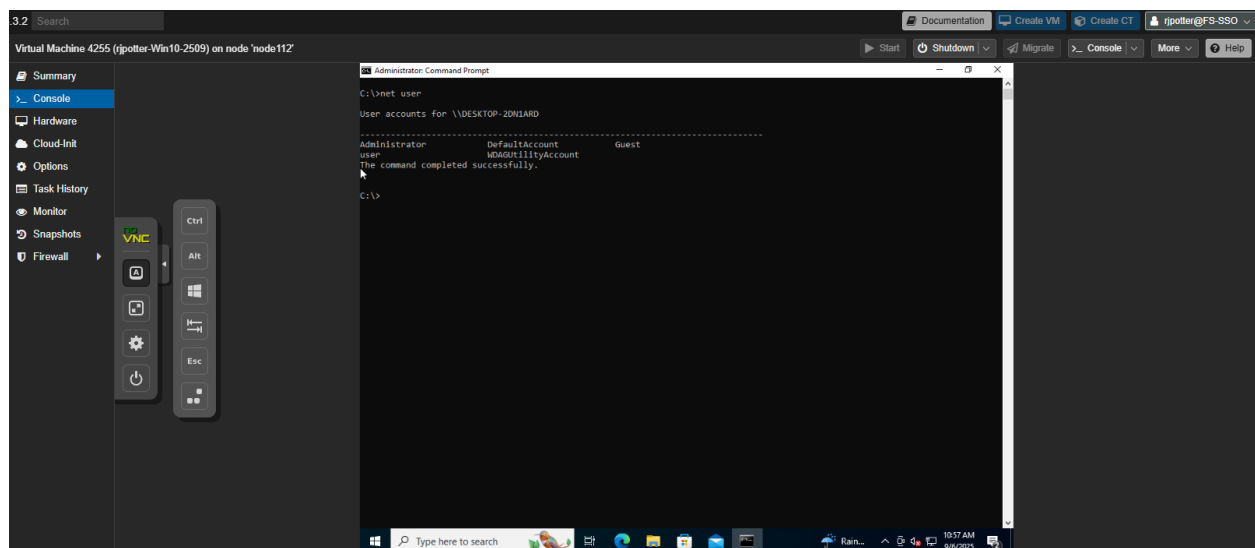Questions: 1, 2, 6, 9, 13, and 15.

1 and 2 :

6.

9 and 13.

15.

4. Summary: In summary we learned a few new commands for Windows CLI, how to add users on a Windows workstation, how to find the different available commands, and what a batch file is. I found this information very useful, I believe that the information contained in this lesson will be vital for my future as an IT professional.

References:

Course Videos

https://learn.microsoft.com/en-us/previous-versions/windows/it-pro/windows-xp/bb490890(v=technet.10)?redirectedfrom=MSDN

http://ss64.com/nt/